

Work Order ID 148282

Tuesday, June 28, 2016 9:00:33 AM

Page 1

Item ID: 646.3719

Revision ID:

Item Name: Doubler

Start Date: 6/9/2016 Start Qty: 5.00

Required Date: 6/27/2016 Req'd Qty: 5.00

Reference:

DAS
21
9-89

Approvals: Process Plan: _____ Date: JUL 04 2016 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Customer:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
----------	--------------

646.3700	A
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110

0.01

110

Waterjet

FLOW CNC Waterjet

Memo

1-Cut as per Dwg

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

0.04

120

QC2- Inspect parts off machine FAI/FAIB

0.00

120

QC

Quality Control

Memo

0.01

PR 2016/08/02
DAS
14
9-09 16/08/03

S

S

PR 2016/08/03
DAS
14
9-09 16/08/03

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER :					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							

Work Order ID 148282

Tuesday, June 28, 2016 9:00:33 AM

148282

Page 3

Item ID: 646.3719

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Doubler

Start Date: 6/9/2016 Start Qty: 5.00

5

Cust Item ID:

Required Date: 6/27/2016 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC5- Inspect part completeness to step on W/O

0.00

160

QC

Memo

0.02

Quality Control

5DAS
38
9-89

AUG 26 2016

190

Identify as per dwg & Stock Location: CCK105 0.00***190***

Packaging

Memo

0.01

Packaging

***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND
REV***5DAS
6
9-89

AUG 26 2016

200

QC21- Final Inspection - Work Order Release

0.00

200

QC

Memo

0.08

Quality Control

5

AUG 29 2016

DAS
21
9-89

AUG 26 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							

Picklist Print

Page 1

Tuesday, June 28, 2016 9:00:32 AM

Work Order ID: 148282

148282

Parent Item: 646.3719

646 3719

Parent Item Name: Doubler

Start Date: 6/9/2016

Required Date: 6/27/2016

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.063		Purchased		No		110	sf	709.2000	0.02778	0.146211			

M6061T6S 063

6061-T6 .063 Sheet

PR 2016/08/03
DAS
14 16/08/03
9-39

Location

Loc Qty

Loc Code

MAT021

373.2

M133511

2.6

M134377

3.3

M134830

367.3

TPI

336

M134496

192

M134604

144

0.1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			

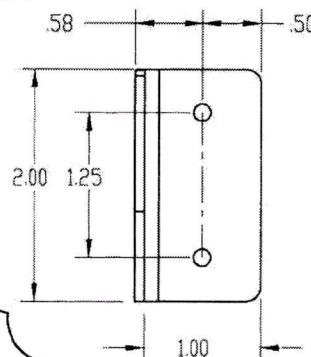
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03702				SHEET 1 OF 2	
	DWG NO. 646.3700	REV: A	PREPARED BY B. PETERS	DATE: 11/15/12	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: SHEETMETAL					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>Darryl Barber</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED ALTERNATE MATERIAL AND REVISED REFERENCE DIMENSIONS				EOR: D-12-010	

SHEET 1, ZONE A2 IS:

IS

⚠ PRIMARY MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11
ALTERNATE MATERIAL: SS 17-4 PH PER AMS 5604

IS

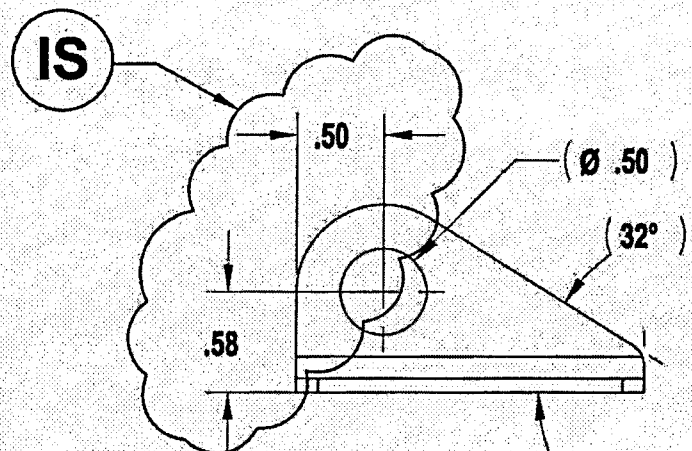


SHEET 7, ZONE B1 IS:

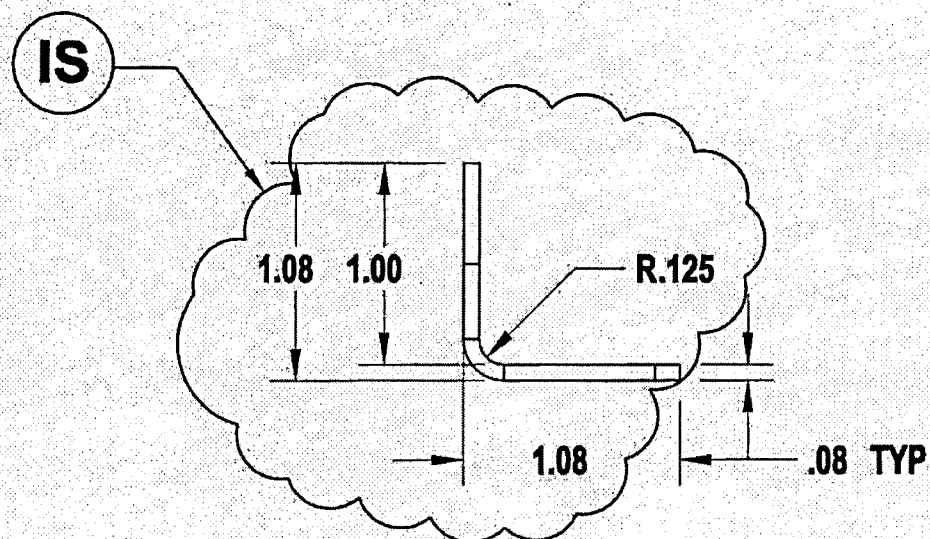
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

148282 mcs
16-07-04

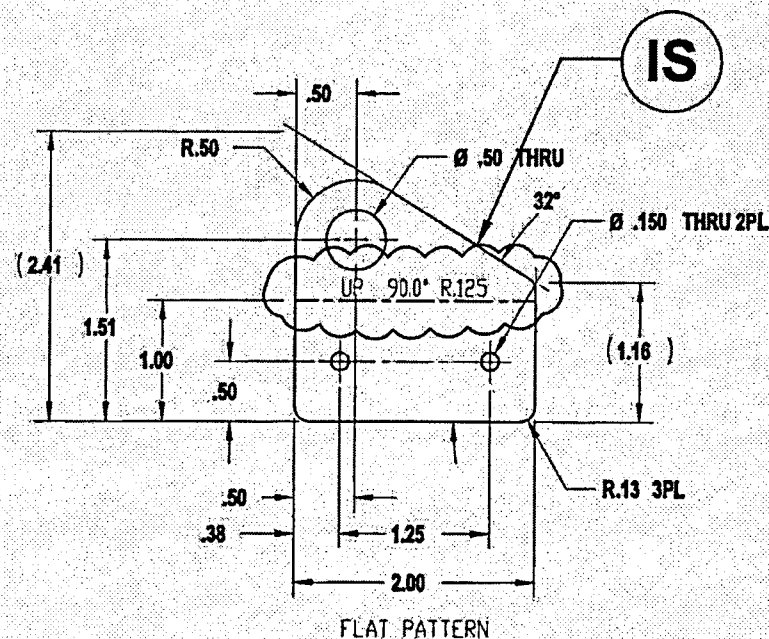
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				☐ RFMS ☐ MDL ☐ INSTALL INSTRUC ☐ ICA ☐ BOM	CHANGE CATEGORY ☐ MAJOR ☒ MINOR	DER REVIEW REQUIRED ☐ YES ☒ NO



SHEET 7, ZONE C4 IS:



SHEET 7, ZONE D1 IS:

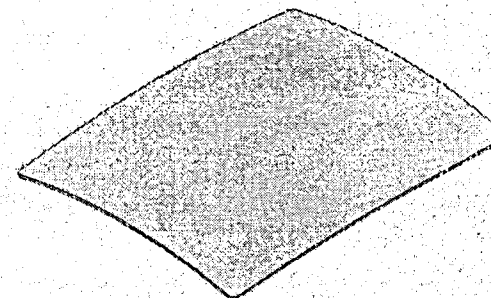


SHEET 7, ZONE B7 IS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION
-----	----	-------------	-----	-------------	------------------------

REVIEWS			
REV.	DESCRIPTION	DATE	APPROVAL
A	INCORPORATED ICM 02108	01/03/09	RE?

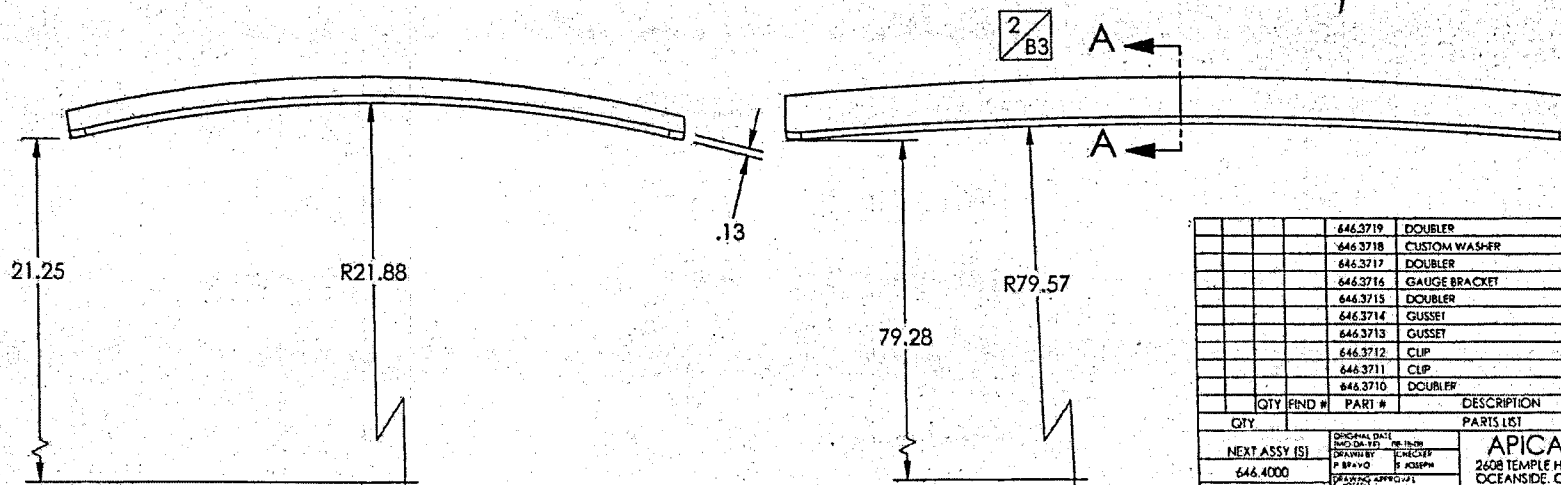
1. MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11
2. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III.
CLASS 2. COLOR BLACK:
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
3. MATERIAL: 17-4 PH AMS 5604, CONDITION H900
4. FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N
5. DEBURR AND BREAK ALL SHARP EDGES
6. IDENTIFY IAW MPP-120



646.3710

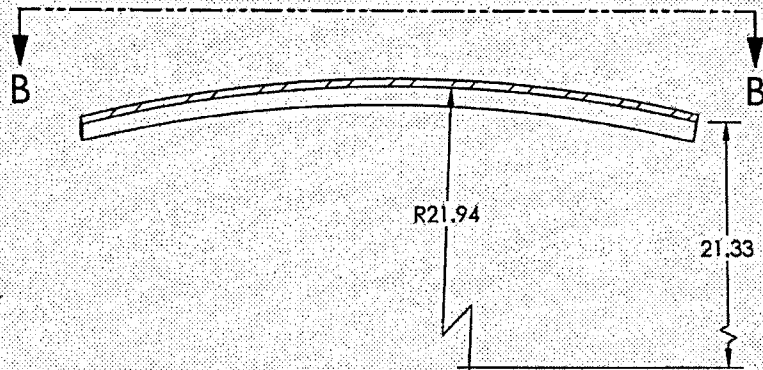
UNINCORPORATED ECN(S)

03702



		646.3719	DOUBLER									
		646.3718	CUSTOM WASHER									
		646.3717	DOUBLER									
		646.3716	GAUGE BRACKET									
		646.3715	DOUBLER									
		646.3714	GUSSET									
		646.3713	GUSSET									
		646.3712	CLIP									
		646.3711	CLIP									
		646.3710	DOUBLER									
	QTY	FIND #	PART #	DESCRIPTION				MAT'L	SPEC.			
QTY				PARTS LIST								
NEXT ASSY IS)				APICAL INDUSTRIES								
646.4000				2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5363								
ORIGINAL DATE _____ DRAWN BY J. HICKER P. BRYAN CHECKED APPROVAL _____ CORRECTED _____ (UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE .015 PLACE DECIMALS IF 1 PLACE DECIMALS & ONE DIGIT.)				STEELMETAL								
				SEE DWG CODE	DWG NO.	646.3700			REV A			
				8	D/M/T/E							
				SCALE NONE				1 SHEET OF 9				

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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



SECTION A-A



R395.138

R.13 4PL

13.51

10.49

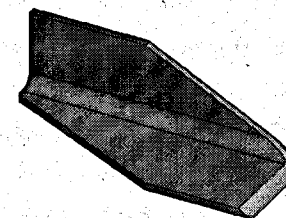
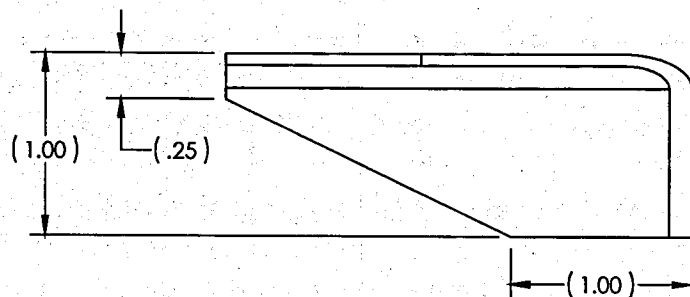
10.54

SECTION B-B

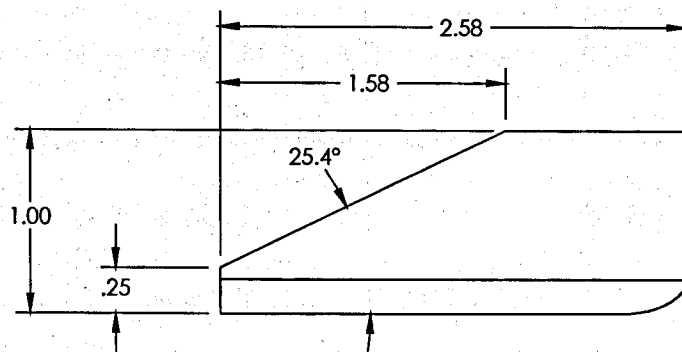
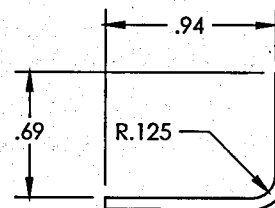
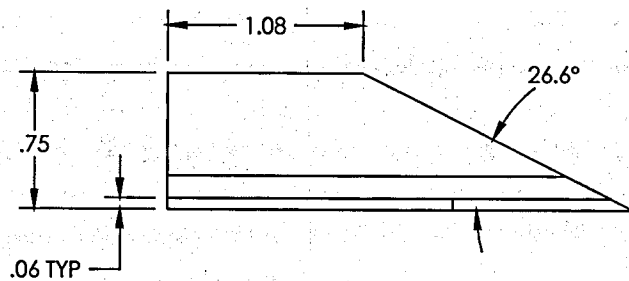
ORIGINAL DATE INCHES 1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 7/8 1		APICAL INDUSTRIES	
DRAWN BY P. BRAYO		2508 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKED BY S. KOSHI		SHEETMETAL	
APPROVAL DATE		SCALE NONE	
SHEETMETAL		SHEET 2 OF 9	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		DWG. NO. 646.3700	REV A

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



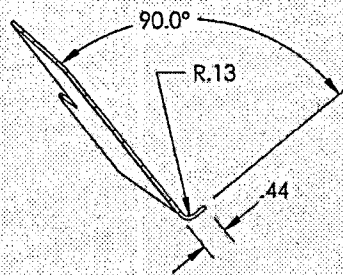
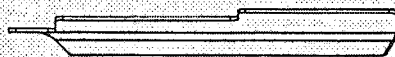
646.3711 SHOWN
646.3712 OPPOSITE



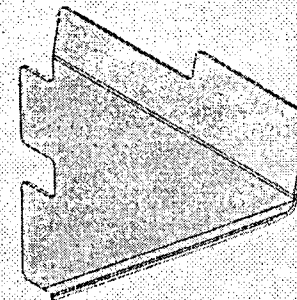
NEXT ASSY (S)	ORIGINAL DATE	08-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEETMETAL	
	DRAWN BY	K. JOSEPH		
	DRAWING APPROVAL	S. JOSEPH		
	CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SHEET	B	CAGE CODE
		DWG. NO.	646.3700	REV.
		SCALE:	NONE	A
		SHEET 3 OF 2		

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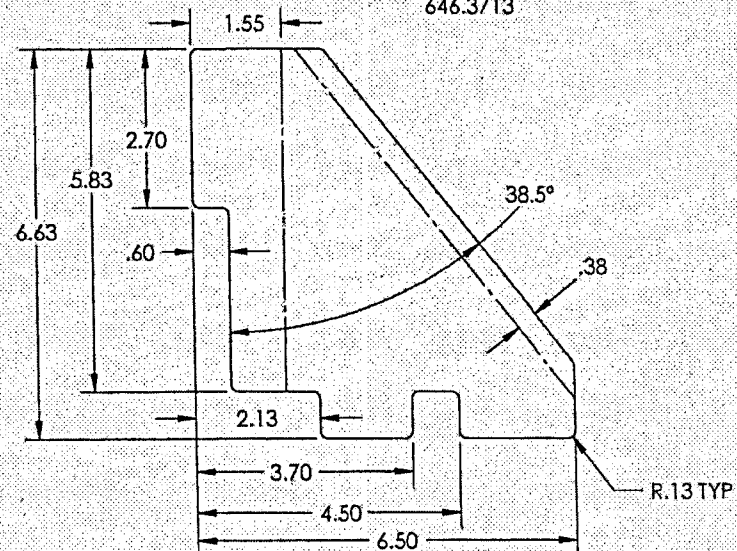
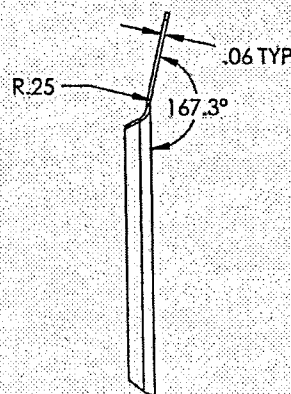
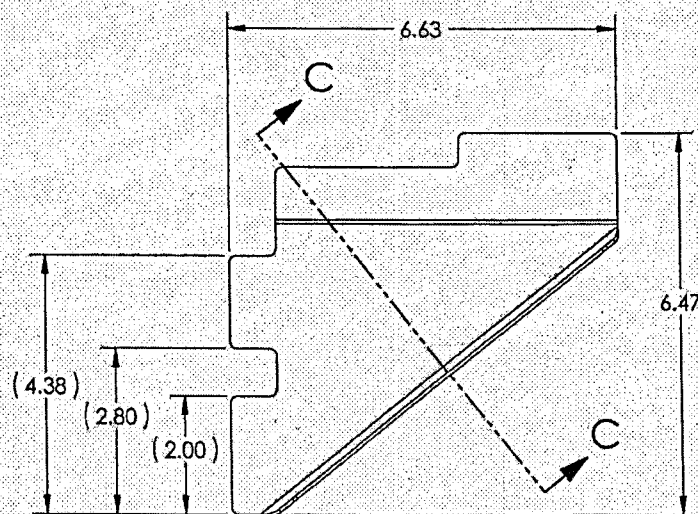
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



SECTION C-C



646.3713

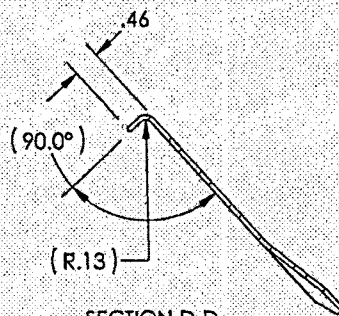


FLAT PATTERN

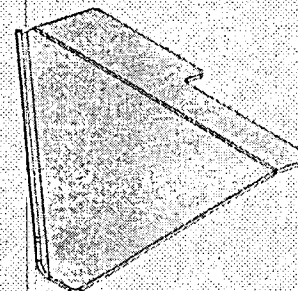
NEXT ASSY (S)	ORIGINAL DATE	08-19-02	APICAL INDUSTRIES 2408 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300		
	DWG. MODIFIED BY	J. JOHNSON			
	DESIGNED BY	P. BRAVO	J. JOHNSON	SHEETMETAL	
	CHECKED BY	J. JOHNSON	J. JOHNSON		
DATE			07/12/06		
UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE SHOWN IN PLACE DETAILS AND UNLESS OTHERWISE SPECIFIED					
3. FRONT OF CHANNEL 2.00					
3. BACK OF CHANNEL 2.00					
3. TOP OF CHANNEL 2.00					
3. BOTTOM OF CHANNEL 2.00					
3. SIDE OF CHANNEL 2.00					
3. END OF CHANNEL 2.00					
3. CORNER OF CHANNEL 2.00					
3. RADIUS OF CHANNEL 2.00					
3. HOLE OF CHANNEL 2.00					
3. SLOT OF CHANNEL 2.00					
3. TAP OF CHANNEL 2.00					
3. THREAD OF CHANNEL 2.00					
3. NUT OF CHANNEL 2.00					
3. BOLT OF CHANNEL 2.00					
3. WELD OF CHANNEL 2.00					
3. BRASS OF CHANNEL 2.00					
3. STEEL OF CHANNEL 2.00					
3. ALUMINUM OF CHANNEL 2.00					
3. COPPER OF CHANNEL 2.00					
3. ZINC OF CHANNEL 2.00					
3. LEAD OF CHANNEL 2.00					
3. SILVER OF CHANNEL 2.00					
3. GOLD OF CHANNEL 2.00					
3. PLATINUM OF CHANNEL 2.00					
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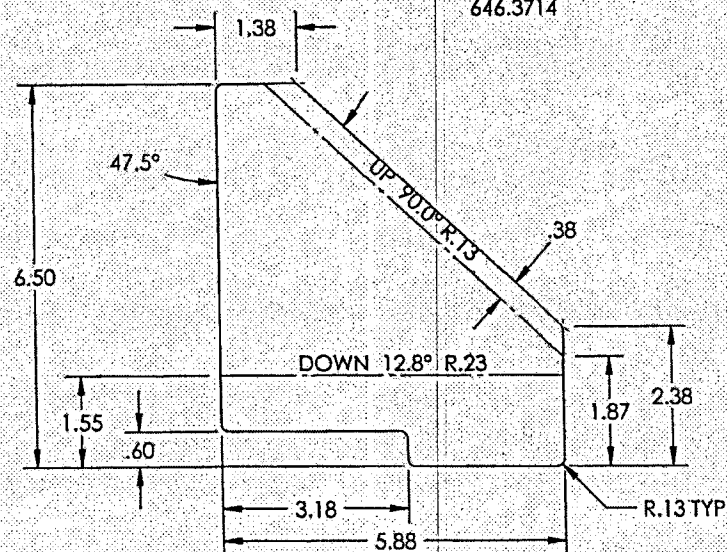
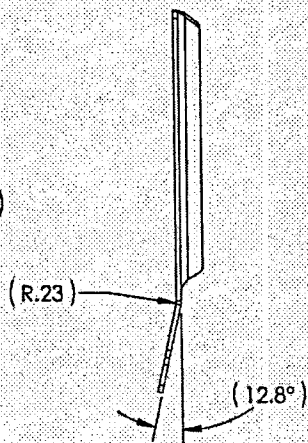
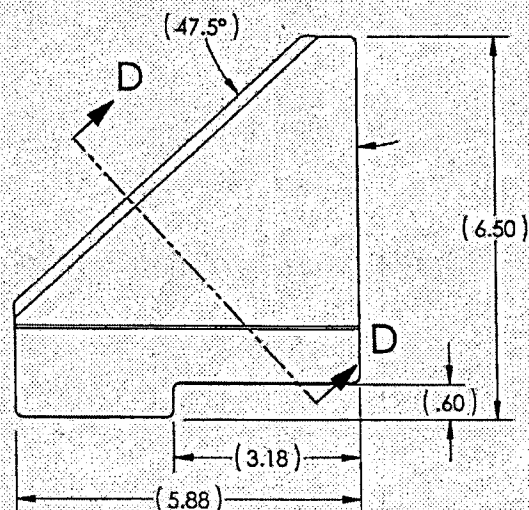
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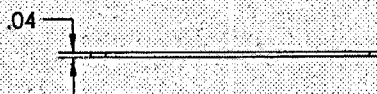
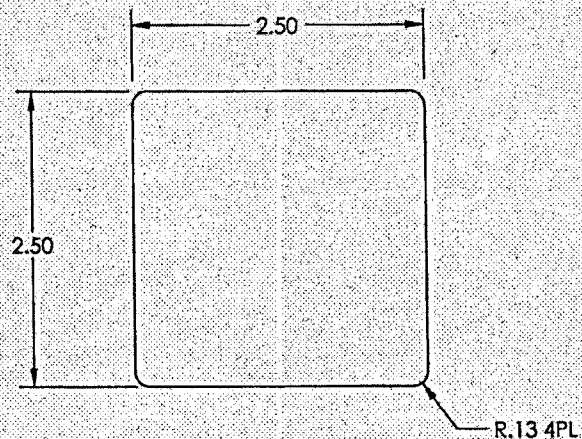


FLAT PATTERN

ORIGINAL DATE: 08-18-08 DRAWN BY: K. CREEP IN CHARGE: J. JOSEPH CHECKED BY: J. JOSEPH APPROVED BY: J. JOSEPH (SIGNATURE)		APICAL INDUSTRIES 2408 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300	
SHEET METAL DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ± .01 2 PLACE DECIMALS ± .005 ANGLES ± .5°		SHEET CODE: 07M26 DWG. NO: 646.3700	PART: A SCALE: NONE SHEET: 5 OF 9

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REVISIONS			
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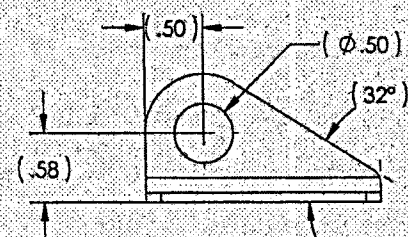
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NEXT ASSY (S)		ORIGINAL DATE (YY-MM-DD)	06-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300	
DRAWN BY P. BRAYD		CHECKED D. COLEMAN			
DRAWING APPROVAL S. KISHIMOTO		CONTRACT NO.		SHEETMETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ARE: 2 PLACES DECIMALS ± .01 3 PLACES DECIMALS ± .005 ANGLES ± .5°		SUP B	CAGE CODE 07MATA	DWG. NO. 646.3700	REV. A
SCALE: 1"=1"				SHEET # OF #	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

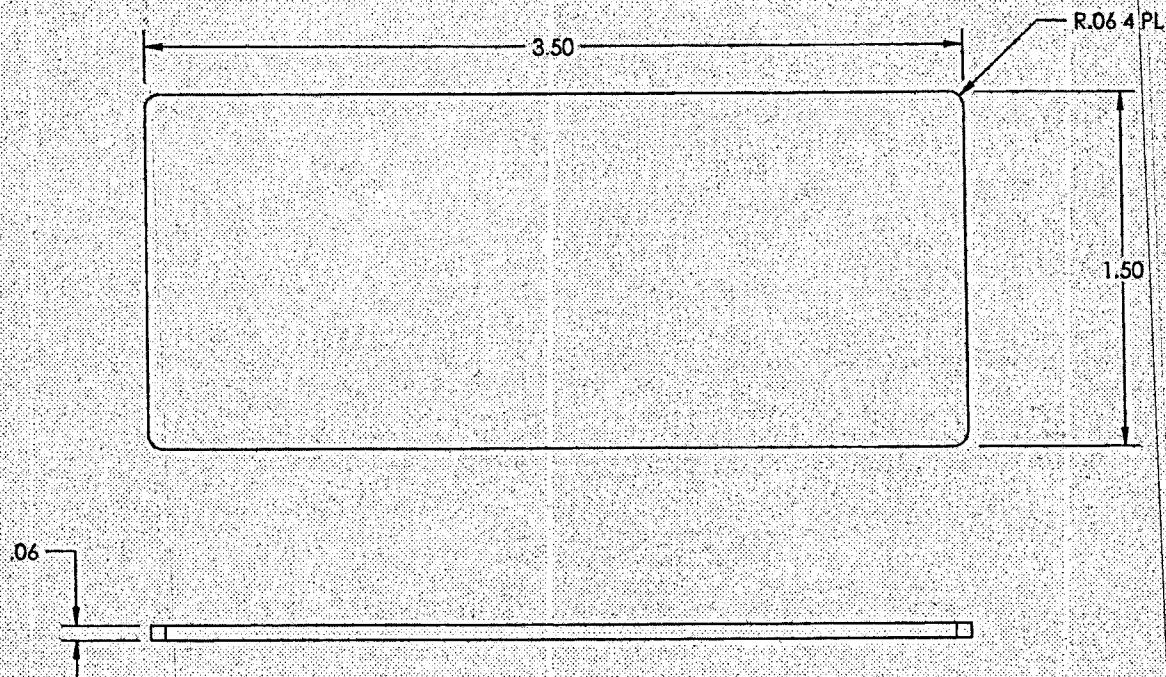


Technical drawing of a flat pattern for a mechanical part. The drawing shows a complex shape with various dimensions and features. Key dimensions include a total width of 2.00, a total height of 2.41, and a central vertical section with a width of 1.25. The top edge has a 32-degree angle and a radius of R.50. The bottom edge has a radius of R.13. There are two circular holes, one with a diameter of 0.50 and another with a diameter of 0.150. The drawing is labeled "FLAT PATTERN" at the bottom.

[illegible]

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REV.			
REV.	DESCRIPTION	DATE	APPROVED

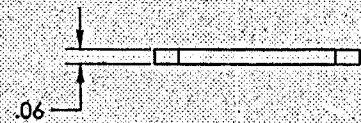
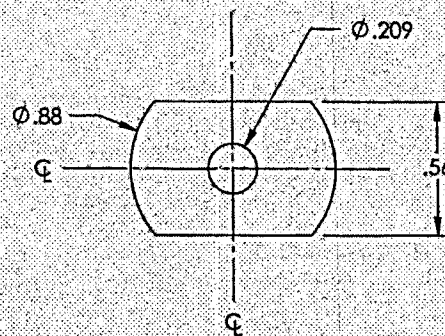


646.3717

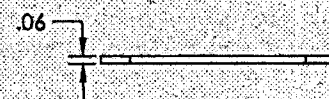
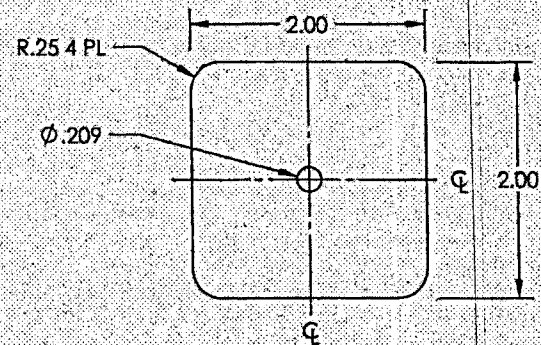
NEXT ASSY (S)		ORIGINAL DATE	06-18-09
DESIGNED BY	CHARTER	DATE	06-18-09
DRAWN BY	BRAND	DATE	06-18-09
CHECKED BY	JOHN	DATE	06-18-09
APPROVED BY	JOHN	DATE	06-18-09
UNLESS OTHERWISE SPECIFIED		APICAL INDUSTRIES	
DIMENSIONS ARE IN INCHES		2408 TEMPLE HEIGHTS DR.	
TOLERANCES ARE:		OCEANSIDE, CA 92056-3512 (760) 724-5300	
1 PLACE DECIMALS ±.01		SHEETMETAL	
2 PLACE DECIMALS ±.005		SCALE: 1"=1"	
3 PLACE DECIMALS ±.0005		SHEET # OF #	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



646.3718



646.3719

NEXT ASSY IS	ORIGINAL DATE	06-15-05	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DESIGNED BY	CHUCK S. JOSEPH		
	DRAWN BY	CHUCK S. JOSEPH		
	DATE	06-15-05		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ARE 3 PLACES DECIMALS 1:10 ROUNDS UP	CONTRACT NO.		SHEETMETAL SHEET CODE: 646.3700 SCALE: NONE	
SHEET 9 OF 9			REV. A	



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912152

Date: 25-Aug-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
	PLEASE REFERENCE THE PACK LIST NUMBER ON ALL CORRESPONDENCE TO THIS SHIPMENT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL AT (613) 446-4544.		
16 ea	Part: 649.4817 Shim Job: 19954	Rev: B PO: PO33355	Line: 1
10 ea	Part: D3299-1 Fitting Job: 19962	Rev: C PO: PO33355	Line: 10
1 ea	Part: ADMIN FEE Administrative Fee Job: 19963	Rev: PO: PO33355	Line: 12
15 ea	Part: 646.3715 Strut Job: 19955	Rev: A PO: PO33355	Line: 2
11 ea	Part: 646.3719 Doubler Job: 19956	Rev: A PO: PO33355	Line: 3 & 6
6 ea	Part: 649.5210 Doubler Job: 19957	Rev: A PO: PO33355	Line: 4
6 ea	Part: 646.3718 Custom Washer Job: 19958	Rev: A PO: PO33355	Line: 5
10 ea	Part: 646.3811 Radius Block Job: 19959	Rev: NC PO: PO33355	Line: 7



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33355**

Purchase Order Date 8/17/2016

PO Print Date 8/25/2016

Page Number 2 of 5

Order From :

VC-ATG001

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

613-446-4544

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total:

\$37.50

4 149864

649.5210 DOUBLER
REV. A

8/25/2016

6.00

\$7.40

\$44.40

Yes

8/25/2016

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N

Line Total:

\$44.40

5 148306

646.3718 CUSTOM
WASHER REV. A

8/25/2016

6.00

\$3.95

\$23.70

Yes

8/25/2016

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N

Line Total:

\$23.70

6 148282

646.3719 DOUBLER
REV. A

8/25/2016

5.00

\$6.25

\$31.25

Yes

8/25/2016

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N

Note:

8/25/2016

8/26/16
SO